

IN THE SPECIFICATION:

After the Title of the Invention, insert the following new heading and paragraph:

CROSS-REFERENCE TO RELATED APPLICATIONS

divisional
The present application is based on ~~prior~~ U.S.

11-17-04
Application Serial No. 09/778,461, filed on February 7, 2001, now U.S. Patent No. 6,640,454, which is hereby incorporated by reference, and priority thereto for common subject matter is hereby claimed.

Paragraph beginning at line 17 of page 2 has been amended as follows:

As prior art for solving this problem, there is the invention described in the Japanese Patent Application Laid-open No. Hei 6-30,0869. In this prior art, a distance between various kinds of electronic parts and a magnetic sensor that is sufficient to eliminate influence of the electronic parts is ~~studied~~ studied in detail, and the position of the magnetic sensor is determined based on the study. That is, the magnetic sensor is arranged as far as possible from an electronic part that is susceptible to magnetization to make the influence of the electronic part to the magnetic sensor minimum.